

Title (en)
METHODS FOR THE ADMINISTRATION OF ILOPERIDONE

Title (de)
VERFAHREN ZUR VERABREICHUNG VON ILOPERIDON

Title (fr)
PROCÉDÉS D'ADMINISTRATION DE L'ILOPÉRIDONE

Publication
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Application
EP 18187366 A 20090910

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Abstract (en)
The present invention relates to methods for the identification of genetic polymorphisms that may be associated with a risk for QT prolongation after treatment with iloperidone and related methods of administering iloperidone to patients with such polymorphisms.

IPC 8 full level
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4. **A61K 31/496 + A61K 2300/00**

Citation (applicant)
• US 5364866 A 19941115 - STRUPCZEWSKI JOSEPH T [US], et al
• WO 03020707 A1 20030313 - NOVARTIS AG [CH], et al
• US 2003083485 A1 20030501 - MILOS PATRICE M [US], et al
• US 2004072235 A1 20040415 - DAWSON ELLIOTT P [US]
• US 2004091909 A1 20040513 - HUANG DOUG HUI [US]
• US 2004096874 A1 20040520 - NEVILLE MATT [GB], et al
• WO 03054226 A2 20030703 - NOVARTIS AG [CH], et al
• US 2003091645 A1 20030515 - AHLHEIM MARKUS [DE], et al
• EP 0307619 W 20030714
• WO 02064141 A1 20020822 - NOVARTIS AG [CH], et al
• US 5846717 A 19981208 - BROW MARY ANN D [US], et al
• US 6001567 A 19991214 - BROW MARY ANN D [US], et al
• WO 03038123 A2 20030508 - NOVARTIS AG [CH], et al
• RYAN ET AL., MOLECULAR DIAGNOSIS, vol. 4, no. 2, 1999, pages 135 - 144
• LYAMICHEV ET AL., NATURE BIOTECHNOLOGY, vol. 17, 1999, pages 292 - 296

Citation (search report)
• [X] WO 2006039663 A2 20060413 - VANDA PHARMACEUTICALS INC [US], et al
• [A] US 2004091909 A1 20040513 - HUANG DOUG HUI [US]
• [A] WO 0059486 A2 20001012 - PFIZER PROD INC [US], et al
• [AP] WO 2008121899 A2 20081009 - VANDA PHARMACEUTICALS INC [US], et al
• [AP] WO 2008144599 A2 20081127 - VANDA PHARMACEUTICALS INC [US], et al
• [A] CACCIA SILVIO: "New antipsychotic agents for schizophrenia: pharmacokinetics and metabolism update.", CURRENT OPINION IN INVESTIGATIONAL DRUGS (LONDON, ENGLAND : 2000) JUL 2002, vol. 3, no. 7, July 2002 (2002-07-01), pages 1073 - 1080, XP008115201, ISSN: 1472-4472
• [A] MUTLIB A E ET AL: "Application of liquid chromatography/mass spectrometry in accelerating the identification of human liver cytochrome P450 isoforms involved in the metabolism of iloperidone", JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, AMERICAN SOCIETY FOR PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, US, vol. 386, no. 3, 1 September 1998 (1998-09-01), pages 1285 - 1293, XP002493626, ISSN: 0022-3565

Citation (examination)
LEIF BERTILSSON ET AL: "Molecular genetics of CYP2D6: Clinical relevance with focus on psychotropic drugs : Molecular genetics of CYP2D6", BRITISH JOURNAL OF CLINICAL PHARMACOLOGY., vol. 53, no. 2, 1 February 2002 (2002-02-01), GB, pages 111 - 122, XP055381924, ISSN: 0306-5251, DOI: 10.1046/j.0306-5251.2001.01548.x

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